

Dr Bowman's application to conserve the spelling *Lironeca* Leach, 1818. Leach used anagrams of Carolina to coin the names of many flabelliferan isopod genera, and it is perfectly clear that *Livoneca* was simply a printer's error. Let us correct the spelling to *Lironeca* by acting positively in this case.

Comments on the proposal to remove the homonymy between BRACHYPTERINAE Erichson, [1845] (Insecta, Coleoptera) and BRACHYPTERINAE Zwick, 1973 (Insecta, Plecoptera), and proposed precedence of KATERETIDAE Ganglbauer, 1899 over BRACHYPTERINAE Erichson, [1845]
(Case 2865; see BZN 51: 309–311)

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1. My application, co-authored with Dr R. Fochetti and Prof Dr P. Zwick, seeks to remove the homonymy between the insect family-group names BRACHYPTERINAE Erichson, [1845] (Coleoptera) and BRACHYPTERINAE Zwick, 1973 (Plecoptera). I should like to clarify some points relating to the coleopteran name and to make a further proposal to the Commission.

2. Erichson (1843) divided the family NITIDULIDAE Latreille, 1807 into three groups, the NITIDULINAE, the CARPOPHILINAE, and the 'Cateretes'. This last group, which unlike the others was not referred to by a name with a family-group ending, comprised the genera *Brachypterus* Kugelann, 1794 and *Cercus* Latreille, 1796, but did not include *Kateretes* Herbst, 1793. Erichson commented that the group contained only two genera but that their species had hitherto been placed under three names; he allocated some of the species placed in *Kateretes* by Herbst (1793) to the other genera. Under Articles 11f(1) and 64 of the Code the name KATERETIDAE is not available from Erichson (1843), although it has been cited recently with this authorship and date by Silfverberg (1992, p. 49) and by one of us (Audisio, 1993, p. 781).

3. Erichson ([1845]) introduced the name BRACHYPTERINAE for the same subfamily, i.e. the two genera *Brachypterus* and *Cercus*. He now considered that, although Herbst's genus *Kateretes* included all sorts of beetles, it was based mainly on species of *Cis* Latreille, 1796 and was in no way related to *Brachypterus* and *Cercus* (a view not shared by later authors). He proposed that the name 'Cateretes' should be used for the *Cis* group. The name BRACHYPTERINAE Erichson, [1845] was used by several authors in the mid-19th century for a subfamily within the NITIDULIDAE but, with few exceptions (see Verhoeff, 1923, p. 9), has not been used since Marseul (1885, p. 19). It has not been used at all for more than 50 years.

4. The name KATERETINI was first made available by Ganglbauer (1899, p. 447) for a tribe of five genera which included *Kateretes* Herbst, 1793 (with *Cercus* cited as a synonym) and *Brachypterus*. Despite the seniority and previous usage of the name BRACHYPTERINAE, that of KATERETINAE (sometimes spelled CATERETINAE) was universally adopted and, until very recently, used for a subfamily within the NITIDULIDAE which included, with other genera, *Brachypterus* and *Kateretes*. The KATERETIDAE have lately been considered to be a family separate from the NITIDULIDAE (see

Audisio, 1993). *Dermestes pedicularius* Linnaeus, 1758 (p. 357), one of the eight nominal species included in *Kateretes* Herbst, 1793, was designated the type species.

5. As noted in para. 2 of the application, we (P.A. Audisio and J. Jelinek) are undertaking a worldwide revision of the KATERETIDAE. We will probably wish to use the subfamily name BRACHYPTERINAE Erichson, [1845] for *Brachypterus* and related genera (but not including *Kateretes*). However, the name BRACHYPTERINAE predates that of KATERETIDAE Ganglbauer, 1899 and its use for a subfamily within the KATERETIDAE is not in accord with the principle of priority. On the other hand, adoption of BRACHYPTERIDAE as the name for the family would upset the century-old usage of the name KATERETINAE or KATERETIDAE (see, for example, Audisio, 1984, 1987, 1988, 1989, 1993; Nunberg, 1976; Kirejtshuk, 1986, 1989, 1992; Silfverberg, 1992; Spornraft, 1992). We therefore propose that the name KATERETIDAE Ganglbauer, 1899 should be given precedence over BRACHYPTERINAE Erichson, [1845]. This proposal is additional to those published on BZN 51: 310.

6. The designation by Thomson (1859, p. 67) of *Dermestes urticae* Fabricius, 1792 as the type species of *Brachypterus* Kugelann, 1794 is much earlier than that of Parsons (1943), given by us in para. 1 of the application. The entry for *Brachypterus* in para. (2)(a) of the application should therefore be amended.

7. The International Commission on Zoological Nomenclature is accordingly asked:

- (1) to use its plenary powers to rule that the family-group name KATERETIDAE Ganglbauer, 1899 and other family-group names based on *Kateretes* Herbst, 1793 are to be given precedence over BRACHYPTERINAE Erichson, [1845] and other family-group names based on *Brachypterus* Kugelann, 1794;
- (2) to place on the Official List of Generic Names in Zoology the name *Kateretes* Herbst, 1793 (gender: masculine), type species by subsequent designation *Dermestes pedicularius* Linnaeus, 1758;
- (3) to place on the Official List of Specific Names in Zoology the name *pedicularius* Linnaeus, 1758, as published in the binomen *Dermestes pedicularius* (specific name of the type species of *Kateretes* Herbst, 1793);
- (4) to place on the Official List of Family-Group Names in Zoology the name KATERETIDAE Ganglbauer, 1899 (type genus *Kateretes* Herbst, 1793) with the endorsement that it and other family-group names based on *Kateretes* are to be given precedence over BRACHYPTERINAE Erichson, [1845] (type genus *Brachypterus* Kugelann, 1794) and other family-group names based on *Brachypterus*;
- (5) to add to the proposal on BZN 51: 310, para. (4)(a), to place on the Official List of Family-Group Names in Zoology the name BRACHYPTERINAE Erichson, [1845] the endorsement that it and other family-group names based on *Brachypterus* Kugelann, 1794 are not to be given priority over KATERETIDAE Ganglbauer, 1899 and other family-group names based on *Kateretes* Herbst, 1793.

Additional references

- Audisio, P. 1987. I Kateretidae e i Nitidulidae (Coleoptera) dell'Italia meridionale: distribuzione attuale e ipotesi sul popolamento. *Biogeographia, Lavori della Società Italiana di Biogeografia*, (N.S.)10: 605-627.

- Audisio, P. 1988. Tassonomia, ecologia e distribuzione geografica di alcuni Kateretidae e Nitidulidae ovest-paleartici. *Fragmenta Entomologica* (Rome), 20(2): 189–231.
- Audisio, P. 1989. Notes on the genus *Brachyleptus* Motschulsky (Coleoptera: Kateretidae). *Folia Entomologica Hungarica*, 50: 9–14.
- Kirejtshuk, A.G. 1989. New palaeartic genus and species of the family Kateretidae (Coleoptera) and notes on the synonymy. *Zoologicheskii Zhurnal* (Moscow), 68(4): 145–149. [In Russian].
- Kirejtshuk, A.G. 1992. Coleoptera, Kateretidae. Pp. 210–216 in Lier, P.A. (Ed.), *The insects of the USSR Far East*. III, Coleoptera, 2. Nauka, Russian Academy of Sciences, St Petersburg. 704 pp. [In Russian].
- Linnaeus, C. 1758. *Systema naturae*, Ed. 10, vol. 1. 824 pp. Salvii, Holmiae.
- Marseul, S. 1885. Précis des genres et espèces de la tribu des nitidulides de l'Ancien Monde. *L'Abeille*, 23: 19–142.
- Silfverberg, H. 1992. *Enumeratio Coleopterorum Fennoscandiae, Daniae et Baltiae*. v, 94 pp. Helsingen Hyönteisvaihoystyö, Helsinki.
- Spornraft, K. 1992. Familie: Kateretidae. Pp. 110–111 in Lohse, G.A. & Lucht, W.H. (Eds.), *Die Käfer Mitteleuropas*, vol. 13. 376 pp. Goecke & Evers, Krefeld.
- Thomson, C.G. 1859. *Skandinavien Coleoptera synoptiskt bearbetade*, vol. 1. 290 pp. Lund.
- Verhoeff, K.W. 1923. Beiträge zur Kenntnis der Coleopteren-Larven mit besonderer Berücksichtigung der Clavicornia. *Archiv für Naturgeschichte*, 89(A, 1): 1–109.

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I wish to comment on the application dealing with the family-group names BRACHYPTERINAE Erichson, [1845] and BRACHYPTERINAE Zwick, 1973. I agree with the authors's proposals to conserve the current spelling of the much older name BRACHYPTERINAE Erichson and to modify the later name to eliminate the homonymy.

In para. 2 of the application the authors cited Erichson (1843) for the establishment of the family name KATERETIDAE, with BRACHYPTERINAE Erichson, [1845] as a subfamily within this family. It should be noted that Erichson (1843) did not include in his group 'Cateretes' a valid genus *Kateretes* (or its emendation *Cateretes*), but rather seems to have appropriated this generic name to be the group name; hence Erichson's group name 'Cateretes' is not available (Article 11f(i)1). A family-group name based on *Kateretes* apparently was first made available by Ganglbauer (1899, p. 447; not p. 518 as cited in the application). Thus, the family name should be BRACHYPTERIDAE Erichson, [1845], with KATERETINAE Ganglbauer, 1899 as a subfamily or synonym. This situation, pointed out in two works on Coleoptera family-group names that are now in press (by J.F. Lawrence & A.F. Newton, and by J. Pakaluk et al.), makes action to conserve Ganglbauer's (1899) KATERETIDAE a necessity. (*Editorial note*. A proposal to conserve the name KATERETIDAE Ganglbauer, 1899 by giving it precedence over BRACHYPTERINAE Erichson, [1845] is set out in Dr Audisio's comment above).

Comments on the proposed conservation of *Sphaerocera* Latreille, 1804 and *Borophaga* Enderlein, 1924 (Insecta, Diptera)
(Case 2907; see BZN 51: 312–315)

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